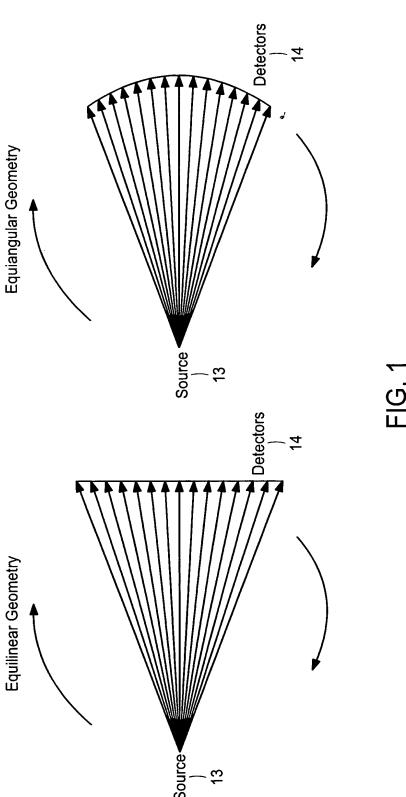


Appl'n No.: 10/645,323
Title: Apparatus and Method for...... Eugene A. Gregerson, et al. Replacement Sheet Inventors:



Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

Replacement Sheet

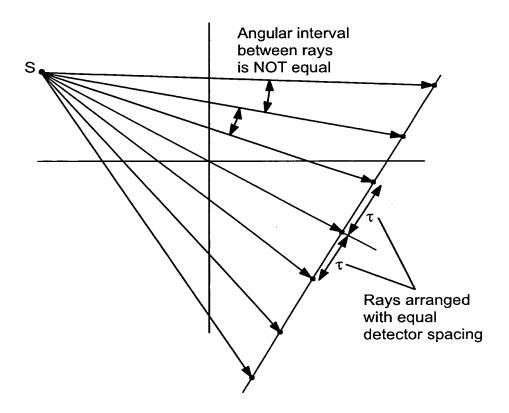


FIG. 2

Title: Apparatus and Method for......
Inventors: Eugene A. Gregerson, et al.
Replacement Sheet

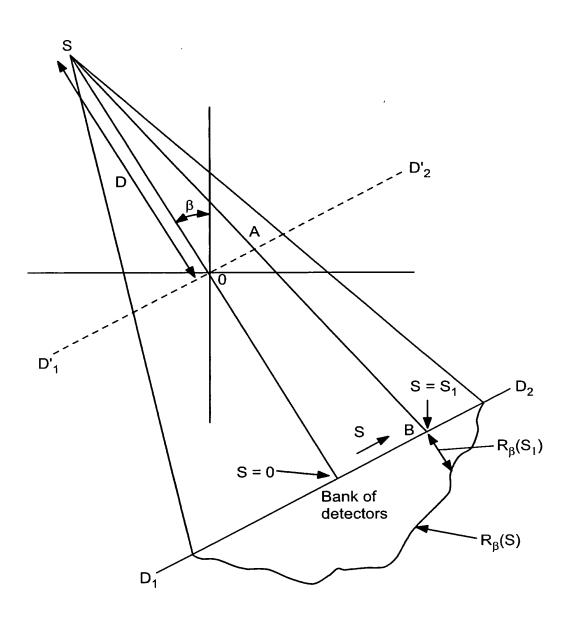


FIG. 3

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

Replacement Sheet

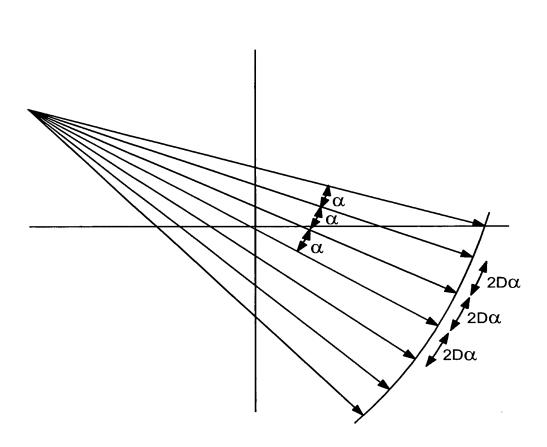


FIG. 4

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

Replacement Sheet

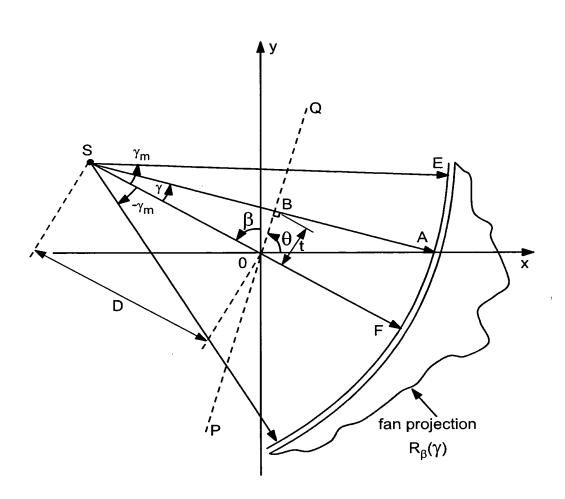


FIG. 5

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

Replacement Sheet

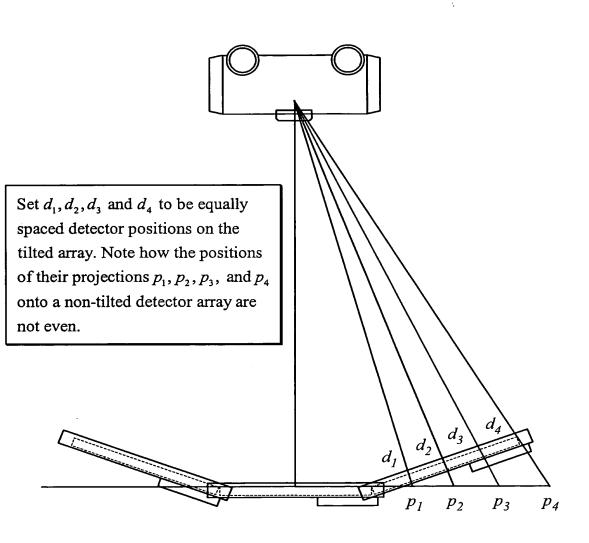


FIG. 6

Appl'n No.: 10/645,323

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, e Eugene A. Gregerson, et al. Replacement Sheet 7/12  $\theta_r = 2 * \arctan((L/2)/FL) = 0.395 rad = 22.632 \deg$ Let FL = 1000mm be the scanner focal length L = 400mm be the length of the detector  $R_r = (FL/2) * \sin \theta_r = 192.31mm$ andX-Ray Detector Position #3 X-Ray Detector Position #2 X-Ray Detector Position #1 X-Ray Source Focal Spot X-Ray Detector Central Ray Center Pixel

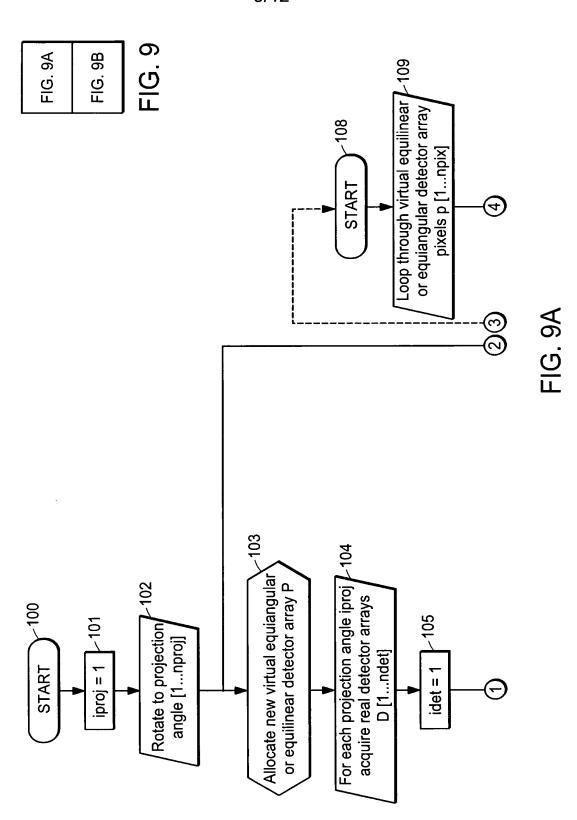
Appl'n No.: 10/645,323
Title: Apparatus and Method for......
Inventors: Eugene A. Gregerson, e Eugene A. Gregerson, et al. Replacement Sheet 8/12 Let FL = 1000mm be the scanner focal length  $\theta_a = \arctan(L/FL) = 0.3804rad = 21.795 \deg$ L = 400mm be the length of the detector  $R_a = (FL/2) * \sin \theta_a = 185.695mm$ X-Ray Detector Position #3 X-Ray Detector Position #2 X-Ray Detector Position #1 X-Ray Source Focal Spot Central Ray Center Pixel  $\theta$ X-Ray Detector

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

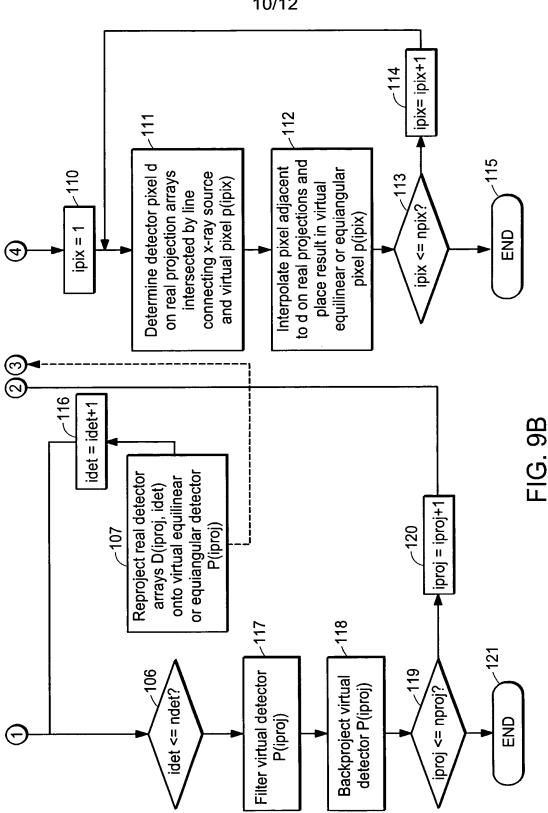
Replacement Sheet

9/12



10/645,323 Appl'n No.:

Title: Apparatus and Method for...... Eugene A. Gregerson, et al. Inventors: Replacement Sheet



Title: Apparatus and Method for......

Eugene A. Gregerson, et al. Inventors:

Replacement Sheet

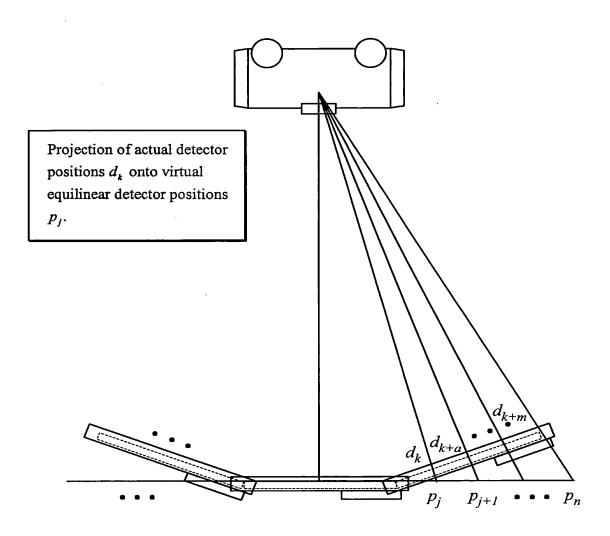


FIG. 10

Title: Apparatus and Method for......

Inventors: Eugene A. Gregerson, et al.

Replacement Sheet

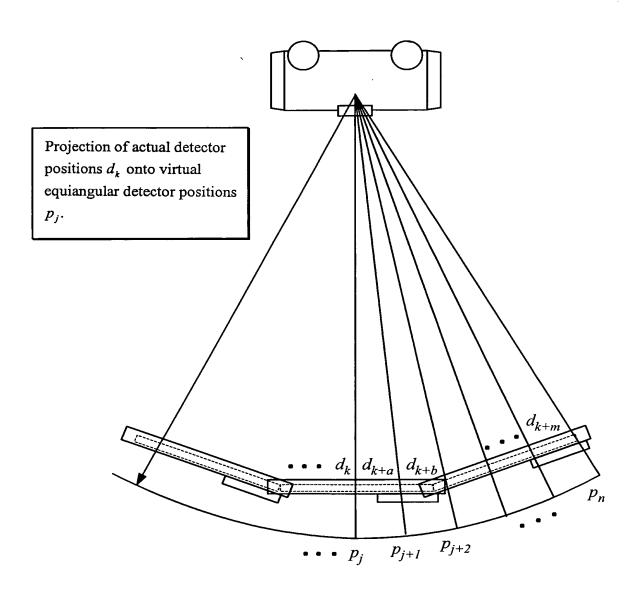


FIG. 11